



Meeting report. Workshop: Environmental change and infectious disease, Stockholm, 29-30 March 2007

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Abstract:

This report presents the key findings and discussions from a meeting organised by the European Centre for Disease Prevention and Control (ECDC), in collaboration with the WHO Regional Office for Europe (WHO EURO), the European Environment Agency (EEA), and the Joint Research Centre (JRC) at Ispra. The aim of the meeting was to review evidence related to the implications of global climate and ecological change on the communicable disease burden of Europe, assess the preparedness of health systems, develop scientific advice, identify research needs, and make recommendations to Member States. The meeting brought together key scientists, researchers, public health practitioners, public health advocates, environment advocates and representatives from relevant European Union institutions and other international organisations. This report is divided into three sections, roughly corresponding to the structure of the meeting. Section I (Chapters 1 and 2) introduces the European context for addressing climate change and health and reviews some of the more pertinent scientific evidence related to climate change in Europe. Section II (Chapters 3 and 4) explores the links between climate change and the spread of infectious disease in greater detail. Section III (Chapters 5 and 6) points out research gaps, recommends further public health research and proposes action based on the essential roles of public health.

Source:

http://www.ecdc.europa.eu/en/publications/Publications/0703_MER_Environmental_Change_and_Infectious_Disease.pdf

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Policymaker

Early Warning System:

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure :

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weather or climate related pathway by which climate change affects health

Ecosystem Changes, Temperature, Other Exposure

Temperature: Extreme Heat

Other Exposure: Hydrological factors

Geographic Feature: ☐

resource focuses on specific type of geography

Arctic, Freshwater, Mountain, Ocean/Coastal

Geographic Location: ☐

resource focuses on specific location

Non-United States

Non-United States: Europe

Health Impact: ☐

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: Airborne Disease, Foodborne/Waterborne Disease, Vectorborne Disease, Zoonotic Disease

Vectorborne Disease: Fly-borne Disease, Mosquito-borne Disease, Tick-borne Disease

Intervention: ☐

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Mitigation/Adaptation: ☐

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern: ☐

populations at particular risk or vulnerability to climate change impacts

Children, Elderly, Low Socioeconomic Status

Other Vulnerable Population: Pre-disposing illness

Resource Type: ☐

format or standard characteristic of resource

Research Article, Review

Timescale: ☐

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment: ☐

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

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A focus of content